

Recombinant Human DPP10 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. DPP10-212H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DPP10 MS Standard C13 and N15-labeled recombinant protein (NP_065919) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a single-pass type II membrane protein that is a member of the S9B family in clan SC of the serine proteases. This protein has no detectable protease activity, most likely due to the absence of the conserved serine residue normally present in the catalytic domain of serine proteases. However, it does bind specific voltage-gated potassium channels and alters their expression and biophysical properties. Mutations in this gene have been associated with asthma. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Molecular Mass	90.9 kDa
AA Sequence	MNQTASVSHHIKCQPSKTIKELGSNSPPQRNWKGIAIALLVILVVCSLITMSVILLTPDE LTNSSETRLSLEDLFRKDFVLHDPEARWINDTDVVYKSENGHVIKLNIETNATLLLEN TTFVTFKASRHSVSPDLKYVLLAYDVKQIFHYSYTASYVIYNIHTREWELNPPEVED SVLQYAAWGVQGQQLIYIFENNIYYQPDIKSSSLRLTSSGKEEIIFNGIADWLYEEELL HSHIAHWWSPDGERLAFLMINDSLVPTMVIPRFTGALYPKGGKQYPYPKAGQMNPTIK

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LYVVNLYGPTHHTLELMPPDSFKSREYYITMVKWVSNTKTVVRWLNRAQNISILTVCE
 TTTGACSKKYEMTSDTWLSQQNEEPVFSRDGSKFFMTVPVKQGGGRGEFHFIAMFLI
 QSKSEQITVRHLTSGNWEVIKILAYDETTQKIYFLSTESSPRGRQLYSASTEGLLNKQ
 CISCNFMKEQCTYFDASFSPMNQHFLLFCEGPRVPVSLHSTDNPAKYFILESNSML
 KEAILKKKIGKPEIKILHIDDYELPLQLSLPKDFMDRNQYALLIMDEEPGGQLVTDKFH
 IDWDSVLIDMDNVIVARFDGRGSGFQGLKILQEIHRRLLGSEVKDQITAVKFLKLPYI
 DSKRLSIFGKGYGGYIASMILKSDEKLFKCGSVVAPITDLKLYASAFSERYLGMPske
 ESTYQAASVLHNHVLKEENILIIHGTAADTKVHFQSAELIKHLIKAGVNYTMQVYPDE
 GHNVSEKSKYHLYSTILKFFSDCLKEEISVLPQEPEEDETTRTRPLEQKLISEEDLAAN
 DILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DPP10 dipeptidyl-peptidase 10 (non-functional) [Homo sapiens (human)]

Official Symbol DPP10

Synonyms DPP10; dipeptidyl-peptidase 10 (non-functional); dipeptidyl peptidase 10, dipeptidylpeptidase 10; inactive dipeptidyl peptidase 10; DPRP3; DPP X; DPRP-3; dipeptidyl peptidase X; dipeptidyl peptidase 10; dipeptidyl peptidase like protein 2;

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dipeptidyl peptidase-like protein 2; dipeptidyl peptidase IV-related protein 3; DPL2;
DPPY;

Gene ID 57628

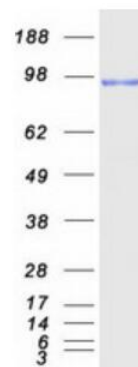
mRNA Refseq NM_020868

Protein Refseq NP_065919

MIM 608209

UniProt ID Q8N608

SDS-PAGE



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